

Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:				Specification:		MDOT Pit No.:		Job: N/A			
Dense Graded Aggregate	Kalamazoo Reserve 1100 Nazareth Rd. Kalamazoo				21AA Crushed Concrete		YD-0070		Producer: Top Grade Aggregates, LLC			
Sieve	% Passing		Retained Fractional		Percents Cumulative		1-2025	Sample Date:		8/4/2025		
			Weight	Percent	Retained	Passing	Initial Weight of Sample		3810	gm		
2-1/2"			0	0.0	0.0	100	Weight After Washing		3662	gm		
2"			0	0.0	0.0	100	Loss By Washing	4 - 8%	148	gm	4	%
1-1/2"	100	100	0	0.0	0.0	100	FM/Objectionable Pick		Count- 256		2.30	%
1"	85	100	300	7.9	7.9	92	Crushed Material	95% min	1836	gm	98	%
3/4"			670	17.6	25.5	80	Organic Plate No.					
1/2"	50	75	668	17.5	43.0	57	Clay-Ironstone			gm		%
3/8"			240	6.3	49.3	51	(1) Soft Particles Including:					
No. 4			486	12.8	62.1	38	Clay-Ironstone			gm		%
No. 8	20	45	268	7.0	69.1	31	(2) Chert			gm		%
No. 16			197	5.2	74.3	26	Sum of (1) + (2)			gm		
No. 30							Material:		Meets	X	Fails	
No. 50	REMARKS: Meets all 21AA Requirements.											
No. 100	Moisture- 3.8%, Pick Weight- 1,878 gm , Pk Count- 256											
No. 200									Aggregate Technician (eSignature):		Test Date:	
PAN			802	21.0	95.3	5	Andy Swett		8/1/2025			
LBW			179	4.7	100.0	0						
TOTAL			3810	100.0			Certification Number: 104148-0427		Expires: 4/30/2027			